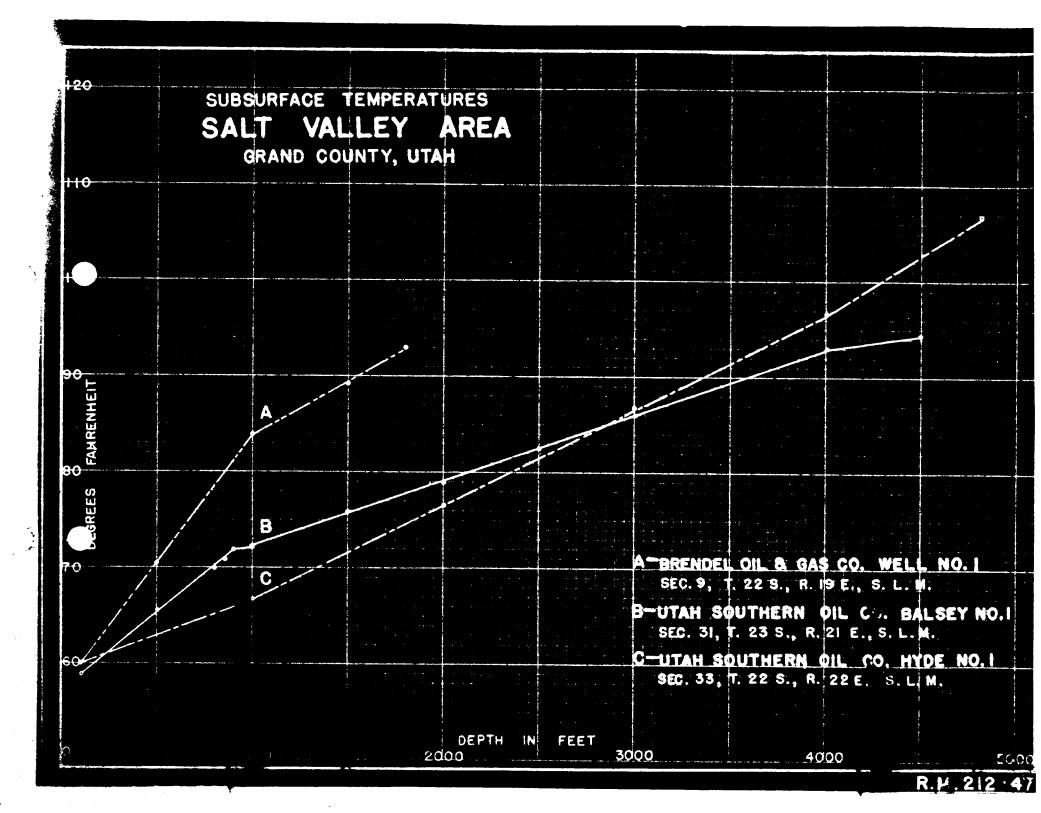
	the second secon
FILE NOTATIONS	
Entered in NID File Walk OCC	Checked by Chief
Entered On S R Sheet (1931)	Copy NID to Field Office
Location Map Pinned	Approvid Star
Card Indexed	Os ppro "er" conqc s C
I'W R for State or Fee Land	
COMPLETIO DATA.	
Date Well Completed 11-27-39	Location Inspected
OW WV TA	Bond rel
GW OS PA WILL	Stat. of Fee Land
LOGS FI	
Filler's Log / Obtained for	our U.S.G.S. Defines)
Electric Logs (Nbs) Bone	Pun
B E-1	SR Micro
Lat Mi-L Sonic	Others
/ $/$ $/$ $/$ $/$ $/$	
Complete S.	lle)
1 Companie V	
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DE STMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT RECORD OF SHOOTING
NOTICE OF DATE FOR TEST OF WATER SHUT OF	RECORD OF PERFORATING CASING
REPORT ON RESULT OF TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	NOTICE OF INTENTION TO ABANDON WELL
NOTICE OF INTENTION TO SHOOT	SUBSEQUENT REPORT OF ABANDONMENT SUPPLEMENTARY WELL HISTORY
	NATURE OF REPORT NOTICE OR OTHER DATA)
(State or Territory)	work on land under permit described as follows:
Il No. Rede (1) (14 Sec. and Sec. No.)	((Twp.) (Range) (Mendan)
is located 1100 ft. S of I line	and see ft. E of man line of sec.
e elevation of the derrick floor above sea level	is ft.
DETAILS OF	F PLAN OF WORK
mames of and expected depths to objective sands; show sizes, weig all other imp	this, and lengths of proposed casings, indicate mudding jobs, cementing points, cortant proposed work.)
ess to drill a well at the above	leseribed location according to the fello
it and the cus spore	leseribed leastion according to the fall-
nd leg, hole and set approximately	80' of 122" conductor and coment same wi
\$ 10° easing themen w	and commercial and comment same at
sands sands wingsto sands	tone at approximately 1500 feet and make
PAR SELL PERCHAPT ALL THE PROPERTY OF THE PROP	
PAR SELL PERCHAPT ALL THE PROPERTY OF THE PROP	
ever easing necessary to preperly	ested between 2000 and 2000 feet, using complete well.
ever easing necessary to preperly (The above operation is interest	ested between 2000 and 2000 feet, using complete well.
ever easing necessary to preperly (The above operation is interest	ested between 2000 and 2000 feet, using complete well.
ever easing necessary to preperly	ested between 2000 and 2000 feet, using complete well.
ever easing necessary to preperly (The above operation is interest	ested between 2000 and 2000 feet, using complete well.
(The above operation is initial approved by the Recretary of	ested between 2000 and 2000 feet, using complete well. It test well under Cisco Unit Area the Interior, July 11, 1985)
(The above operation is initial approved by the Becretary of	company Com
The above operation is initial approved by the Becretary of B. W. Henderson	complete well. Company Compa
(The above operation is initial approved by the Becretary of	company Com



1 - Olgy Grand 4. 5. 9. 2.

DEPARTMENT OF THE BUTCHERS of GEOLOGICAL SURVEY CONSERVATION BRANCH

43.

INDIVIDUAL WELL RECORD

22 8.

S. L. Mor.

PUBLIC LAND			R	eî No. ூ
Land office Salt Labo City	State	Utah		
Serial number: 081894 Permittee	Count	y Grand		
Oreon John Byde	Field	Giaco T	mit Area	
OperatorUtah Southern Oll Ge	Distr	ict . Utch		
Well number 1	Subdi	vision Can 3 Can	IV 1/4 1	11 14 Sec. 11
Legation 1100 ferm from N $\stackrel{\sim}{\longrightarrow}$ line a	nnd 740 fee	t from W line	e of 800	tien 851 Sec.
Drifting approved Taly 81	.19 86	Well elevation	4785	feet
brilling passenget Coupler 1,	, 19 35	Total depth	6715	feet
Upilling served April (?)	, 19 37	Initial prod	None v	
Completed for prod. Dry hole		Gravity A.P.I.		
Abandonment completed - Cct. 25, Abandonment approved November 27.		Initial R.P.		
<u>Japingero formations</u> Surface Lowest tested	Name	<u>Productive</u> Dept		Contents
Howard Howard		None		

Well Status

-	47.				r					1	
Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	0et.	Nov.	Dec.
DR G DST	DR G	DR G M G	DST JST	DST DST	DST	Let. DST	// ost	DRG	DrG	Dbæ	DRG
								DST	Abd	P&A	
	Wate for	r from stock	this wateri	well w	ill be poses,	used under	as a p Divis	ublic ion of	water Grazi	suppl y	
	DRG	Jan. Feb. DRG DRG DST 100	Jan. Feb. Mar. DRG DRG DRG DST 10 DIG	Jan. Feb. Mar. Apr. DRG DRG DRG DST DST DSG DST Water from this	Jan. Feb. Mar. Apr. May DRG DRG DRG DST DST DST Water from this well w	Jan. Feb. Mar. Apr. May June DRG DRG DRG DST DST DST DST DST DST DST Water from this well will be	DRG DRG DRG DST DST DST DST Water from this well will be used	Jan. Feb. Mar. Apr. May June July Aug. DRG DRG DRG DST DST DST DST DST DST Water from this well will be used as a p	Jan. Feb. Mar. Apr. May June July Aug. Sept. DRG DRG DRG DST DST DST DST DST DRG DST DST DST DST DST DST Water from this well will be used as a public	Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. DRG DRG DRG DST DST DST DST DST DRG DRG DRG DST DST DST DST DST Abd Water from this well will be used as a public water	Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. DRG DRG DRG DST DST DST DST DST DRG DPG DPG DST Abd P&A Water from this well will be used as a public water supply

Remarks Initial test well to be drilled under Class Unit Area approved by
Secretary of the Interior July 11, 1885.

53-229-22E S NW NW, Utah Southern Cil Co., Hyde #1 (S.L. 051594)
Ref. No. 1.

STATUS: DRS. 5154*. limey shales (Visited .9-15-1936)

REMARKS: Crew working daylight tour and making slow

progress due to type of equipment and hard formation

being drilled. A recheck of temperature observations made at this well verifies former cheer-vations and gives further press that a change in the gradient of the temperature curve coders at what is presumably contagin of planting and language varies formations.

33-223-225 S NW NW, Utah Southern Oil Co., Hyde #1 (S. L. O51394)
Ref. No. 1.

STATUS: DRG. 5550*, limey shale (Visited 10-25-1936)
REMARKS: The approximately 1500* of red sandy shales and
limestones drilled in this well and tentatively correlated
as of Pennsylvanian age represents about the maximum
thickness of the Pennsylvanian beds in this locality and
some change in formation is expected within the/100 to
200 feet of drilling. Hole below 1108 feet is uncased.

53-228-228 S NW NW, Utah Southern Oil Co., Hyde #1 (S. L. C. 051394)

Ref. No. 1.

STATUS: DRG. 5800', lime and brown shale. (Co. 18-52-1656)

REMARKS: No change in formation to indicate base of Pennsylvanian. has been reached. Temperature gradient below 4100' remains same.

\$3-22S-22E S NW NW, Utah Southern Oil Co., Hyde #1 (S.L. 051394), Ref. No.-1.

STATUS: DRG. 6100*, limey shale. (Dougan 12-29-36)

33-228-22E. S NW NW, Utah Southern Oil Co., Myde No. 1 (S. L. C. 051394)
Ref. No. 1

STATUS: DST. 4880*, sand (Visited 7-14-1936)

REMARKS: Seismographic survey was completed during the latter
but data obtained has not been fully interpreted. The
subsurface temperature observations referred to in last
months report could not be completed due to mad on walls
and casing interfering with lowering of thermometers.

Ref. No. 1 Qua. 1950

STATUS: DST. 4868', sand (J. L. Bougen 9-2-36)

REMARKS: Results obtained by means of a seismographic sur-

vey of the area surrounding the location of this well indithe advisability of continuing the test to a depth of at least 6000'. Officials of the company believe that the shere-line condition expected at 2500° will be execuntered around 5000° and if a sandstone is present that chances of commercial production are favorable. The tag-wheel on the bull-wheel shaft has been out down to permit deisel ougine being used to pull the extra weight of line and tools from the hole without overloading. Scheurface temperature shservations and the seismographic survey indicate a change in formation at approximately 4000". It is believed that the centert between bods of Pounish and Pannayivanian age is at appreximately 4000' and that lithologie differences between beds of the two ages the not smilledent to differen entiate them in the drill outtings. Building equalities will be resumed about the first of Suntenber.

47.

33-223-22E. S NW NW, Utah Southern Oil Co., Hyde Mo. 1 (S. L. C. O51394) Ref. No. 1

STATUS: DST. 4880', sand (Visited 5-9-1936)

HEMARKS: Total depth reported incorrectly last month as

4880°. Subscribes: temperature observations to ob
tain data for comparison with similar observations

taken in other wells in the general area were made

on May 7-8-9 with the following results:

Depth	Temp. observed
100 ft.	60° F.
1000 *	66.6° I.
2000 *	76.1 *
3 000 *	86.8
4000 °	96.5
4800 *	106.9 *

Operations at well remain suspended while company is perfecting plans for further seismographic work in the area.

33-228-22R. S NW NW, Utak Southern Oil Co., Hyde No. 1 (S. L. C. 051394)
Ref. No. 1

STATES: DST. 4880', send (Visited 6-11-1956)

REMARKS: The seismographic survey of the Cisco Unit Area has been delayed due to crew not completing work in another area as expected. Crew now reports the work will be started about the first of July. C. E. Yan Orstrand of the Eashington office has requested and obtained permission of the company to make a subsurface temperature Survey of the hole. Results will be given in July report.

33-22S-22E. S NW NW, Utah Southern 011 Co., Hyde No. 1 (S. L. 051394)
Ref. No. 1.

STATUS: DRG. 4140', shaley sand (Visited 3-31-36)

stone containing coarse particles of quartz loosely held together with red shale drilled at this location has been correlated as Rico and Cutler of Permian age. The total thickness of the Permian formation drilled in this well exceeds that at any known outcrop in the general region. Drilling will continue to determine presence of Hermosa and Paradox formation below the Permian beds and to determine depth of granite indicated by geophysical survey to be approximately 4800 at this location.

33-22S-227. S.NW NW, Utah Southern Oil Co., Hyde No. 1 (S. L. 051394)

STATUS: DST. 4850', send. (Visited 4-23-1936)

to red sandstone and conglomerate which has been correlated as of Permian age. The 2400' of Permian formation exceeds the thickness of the formation at outcrops and in other wells drilled in the area and since the contact between beds of Permian and Pennsylvanian age is not always clearly defined it seems probable that the lower part of the hole is in beds of the latter age. Operations have been temporarily suppended while a resurvey of the area with geophysical insturments is being made.

43

1

53-223-222. Ref. No. 1, Utak Southern Oil Co., Hyde #1 (S. L. C. O51594) S NW MW San 1936

STATUS: DRG. 1900*, shale (Fischer 2-1-36)

HMMARKS: Operator has had a number of fishing jobs during the mouth due to breaking of bits and drilling stems. A new

33-228-228. Ref. No. 1, Utah Southern Oil Co., Nyle #1 (8. L. C. 688-2

STATUS: DRG. 2710', sandy shale (Visited 2-28-36)

REMARKS: This well has drilled approximately 1600° of beds of Permian and Triassic age, hole bottoms in Cutler or Rice, which incidences the normal sequence and thickness of beds in the area to be present at this lessetien, desphyrateal approximately and to definition of the test indicated a feethering out of the Permian and Triassic formations at the point colorted and that beds of Pennsylvanian age might be encountered at approximately 2000°. The fact that the Pennsylvanian beds have not been reached indicates a possibility that they may not be present in this lessetion and that granite may be encountered immediately underlying the Pennian beds. If such is the case, the lessetion was made to mear the shore line and a second test lesseted to the morth of the present will be necessary to prove or dispress the thegay of shore-line accumulation.

11.

33-22S-22E. Ref. No. 1, Utah Southern Oil Co. Hyde #1 (S. L. C. 051394)
S NW NW

STATUS: DRG. 600', shale (Visited 10-21-35)

excellent water was developed in the Entrada sandstone. The water well was cased to bottom with 5-3/16" casing and will be pumped from the beam while drilling. Permission to land the 12½" conductor at 80° without cementing and to cement the 10" casing at about 1500° in lieu thereof has been granted since it did not seem advisable to cement the short conductor string with the water well drilled to a greater depth and only one or two feet distant. Commenced drilling October 1, 1935.

33-22S-22E. Ref. No. 1, Utah Southern Oil Co. Hyde #1 (S. L. C. 051394) S NW NW

STATUS: DRG. 1170', shale (Dougan 11-30-35)

REMARKS: The top of the Chinle formation was found at 1100', some 300' high than was expected, and a string of 10" casing cemented at 1109' with 20 sacks to shut off water from upper formations. The first attempt was not successful, probably due to cement channeling, and a recement job using 20 sacks was necessary to obtain shut off.

53-22S-22E. Ref. No. 1, Utah Southern Oil Co., Hyde #1 (S. L. C. 051394) S NW NW.

STATUS: DRG. 1694', shale (Visited 12-17-35)

REMARKS: Hard limestone shells in the Moenkopi formation have caused a number of complicated fishing jobs during the month. Small seepages of water were found at three points in the Moenkopi and will require the running of a string of easing before drilling into the Paradox formation.

33-228-22E. Ref. No. 1, Utah Southern Oil Co. Hyde #1 (S. L. C. 051394) S HW NW Sept. 1935

STATUS: LOC. (Visited 9-11-35)

ij.

17.

REMARKS: No water supply for camp and drilling use is available in the vicinity of this well and since a number of sands near the base of the Morrison formation are known to be present at shallow depths in the area, the company decided to develop its own water supply. by spudding a water well under the derrick floor prior to commencing actual drilling operations. The water well has been drilled to approximately 500. feet without developing sufficient water to meet requirements and will be drilled deeper until sufficient water has been developed or a depth that will make use of any water developed impractical. Drilling of the test well will be delayed pending development of a water supply.

33-22S-22E. Ref. No. 1, Utah Southern Oil Co. Hyde #1 (S. L. C. O51394) & NW NW.

STATUS: LOC.

REMARKS: Notice of intention to drill approved July 31, 1935. Operator now moving in equipment and constructing roads to location. This well is the initial test to be drilled under a unit plan of operation including 25 oil and gas prospecting permits, approximately 60,000 acres, and is being drilled in compliance with requirements of the unit plan. The location was made after a survey of the area by a seismograph, later checked by a second seismograph survey working independently of the first, to determine approximate location where beds of Pennsylvanian age feather out against an old granitic mass forming the edge of the basing. The seismographic survey indicates beds of the Hermosa and Paradox formation should be drilled at depths between 2000 and 5000 feet. The location is on the flank of Yellow Cat Dome and thus two chances of trapping-shore line conditions and folding.

33-225-22E. Ref. No. 1, Utah Southern Cil Co., Hyde #1 (S. L. C. 051594) S NW NW 11935

STATUS: LOC.

42.

REMARKS: Company has spent the month building readth location, moving in equipment, and rigging up. It is expected drilling operations will begin September 1st. A diesel engine will be used to furnish power.

SALT VALLEY AREA GRAND COUNTY, UTAH

A-BRENDEL OIL & GAS CO. WELL NO. 1 SEC. 3, T 22 S , B 19 E., S. L. M.

B-UTAH SOUTHERN OIL CO. BALSEY NO.1 SEC. 31, T 23 S., R. 21 E., S. L.M.

SEC. 33, 32 S., R 22 E., S. L. M.

DEPTH IN FEET

5000

3000

DETAILS OF PLAN OF

is of and expected depths to alice of

break the 10 inch casing as the fluid level in the hole did not raise. The maximum water head in the hole after shooting the 8 1/4 inch between 1100 and 1400 feet, was 300 feet from the surface. (The hele was perfectly dry prior to shooting the 8 1/4 inch easing close to water horizens at these points). Ripped the 10 inch casing between 325 and 335 feet and between 300 feet and 310 feet. The water raised immediately to 225 feet from the surface, this water coming from the fresh water horizon excountered in the hole at 300 feet. Cleaned out the cellar and plugged off around the 10 inch at the bettom of the cellar and filled the cellar with dirt after screwthe 10 inch pup joint on the 10 inch casing which stands now about 5 feet above the surface of the ground. Moved the rig and all material away from the well site and cleaned up the surface in good shape.

Carlo Carlo DEHARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

U.S. Land Other		
Selt Are	Hiva	mah.
Serial Number	051394	
I	Permit.	•

REPORT ON RESULT OF TEST OF WATER SHUT-OFF	RECORD OF PERFORAT NOTICE OF INTENTION		NATED CASING
NO 10. OF INTENTION TO RE-DRILL OR REPAIR WELL NO 10. OF INTENTION TO SHOOT	SUBSEQUENT REPORT O	TO ABANDON WELL	
(INDICATE ABOVE BY CHECK MARK NAT	TURE OF REPORT, NOTICE,	OR OTHER DATA)	
	ovenbe	ur 15, 1966,	, 19
Following is a report of work done	rk on land under	permit described a	s follows:
State or Territory) (Comm	Country,		
/ell No. 1-rdo c. 1. 1704 N 2 Sec. 3 (1/2 Sec. and Sec. No.)	55 T. 22 S. (Twp.)	(Range)	(Field) SLC • (Meridian)
he well is located 1100 ft. ${\Bbb S}$ of ${\Bbb Z}$ line and	d 740 ft. E of	line of sec.	38
he elevation of the derrick floor above sea level is	• • •		
DETAILS OF F	PLAN OF WORK		
ate names of and expected depths to objective sands; show sizes, weights, all other importar	and lengths of proposed cas nt proposed work.)	ings; indicate mudding job	s, cementing points, and
coller alout three feet from the mai to cement 12 1/2 inch conductor sipe original drilling program, for it we string with the other hole so close the 12 1/2 inchtub to cement the ten depth of the hole, through the linguito to twenty cacks of cement, dumped with displace back of ten inch casing by before setting pipe on bottom.	in hole, it would be useless by. c prop inch at 1109 to sandstone, th Baker cemen	Id appear usel outlined in cas an anchor ose to not comfeet, the presusing from fift dump beller	leas our ment sent 'teen and
oproved(SEE ATTACHED) Nov. 29, 1935	Company	Otub Southern	011 Company.
	Bv .	1. 1	inga
E. W. Honderson	2	f	<i>y</i>
Title District Engineer. 306 Federal Bldg.	Title		Secretary.

W

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

U. S. Land Office Salt Lake	city.
Serial Number 051394	
Leans or Parmis De soud de	

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT RECORD OF SHOOTING
NOTICE OF INTENTION TO CHANGE PLANS	RECORD OF PERFORATING CASING
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING.
REPORT ON RESULT OF TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO ABANDON WELL
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO SHOOT	SUPPLEMENTARY WELL HISTORY
(INDICATE ABOVE BY CHECK MARK	NATURE OF REPORT, NOTICE, OR OTHER DATA)
No. 4.	
	December 1, 1935, 192
Following is a report of work done	on land under (permit) described as follows:
(State or Torritory)	d County Cisco Unit aren
Well No. Hada No. 1	(Feld)
(% Set. and Set. No.)	-35,
	andft. E of line of sec
	PLAN OF WORK
(State names of and expected depths to objective sands; show sizes, weigh	its, and lengths of proposed casings; indicate mudding jobs, cementing points, and reant proposed work.)
Nov. 16, 1935. Cemented 10" - 45# - 10 Th 15 sacks cement, dumped with Baker cement off bottom. Displaced with 2 barrels of w	nd. casing with regular shoe at 1107' 11" with dump bailer on bottom with casing raised 5 ft.
seemed to be set o.k. but did not met water	rnoon tour. Had 20' cement in the pipe which r shut-off. Casing frome but by increasing
Nev. 22, 1935. Re-cemented with 21 sacks, and displaced with 100; of water added to	dumped on bottom with Baker cement dump beiler
Nov. 25, 1935. Bailed water down 750 feet Let stand over night - no leaks.	for casing test before drilling out cement.
Nov. 26, 1935. Drilled out cement. Hole 1	bailed down and tested dry.
•	
Approved 2 2 200 1935.	Company UT AT SOUTHERN OIL COPPANT, By
yeur culuson	By
Tal E. W. Handerson	_ / .
Title District England Survey	Title Superintendent.
Address 306 Federal Bldg.,	Address nos asses as

Mr. John Wilson 20 Filland Savings Mdg. -caver, Folorade

> Formit Salt Lake City 051394 Cisco Unit, Grand County, Utah

war ir. Wilson:

The fellowing data with reference to sub-surface compensations made at wells in the Salt Valley area, Frank County, Etah, are furnished you at the suggestion of Er. H. J. Duncan and with the consent of Er. J. L. Dougan as to wells of the Etah Southern Oil Company:

	(A)	(3)	(c)
2002	· F	***	
1.00° 250 500 900 350 900 1000 1500 1800 2000 2500 3000 8500 4000 4250 4600	60.0 	58.8 60.5 65.8 69.9 70.8 71.9 72.0 75.7 78.3 82.3 85.9 86.4	83.9 83.0 93.0
5250 5250	100.0 112.0	•	-

*(A) Utah Southern Oil Co., hyde No.1, Sec. 25, T.22 S., R.28 E.

*(B) Utah Southern Oil Co., halsey No.1, Sec. 21, T.28 S., R.21 E.

*Observations made by E. W. Henderson and A. P. Veshele

**(C) Spendel Oil & Cas Co., Sell No. 1, Sec. 9, T.22 S., R.19 E.

**Observations made by E. W. Henderson

data transmitted herewith since it will not be possible to ebtain prints without a delay of at least two or three days. Please return the tracing after you have obtained necessary prints.

Very truly yours,

2. W. Handerson, Metriet Engineer.

is Chaper tah Southern 011 Co. Files (2)

of Candome Salt Luke City.

PEPARTMENT OF THE INTERIOR GERLOW AL SURVEY

20 Islamber 051394.

- · · ·	Lease or Permit.
SUNDRY NOTICES AN	D REPORTS ON WELLS
NOTICE OF INTENTION TO DRILL. NOTICE OF INTENTION TO CHANGE PLANS. NOTICE OF DATE FOR TEST OF WATER SHUT-OFF REPORT ON RESULT OF TEST OF WATER SHUT-OFF. NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL. NOTICE OF INTENTION TO SHOOT.	SUBSEQUENT RECORD OF SHOOTING RECORD OF PERFORATING CASING NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING NOTICE OF INTENTION TO ABANDON WELL SUBSEQUENT REPORT OF ABANDONMENT SUPPLEMENTARY WELL HISTORY
	September 14, 1939.
	on land under permit described as follows:
Utah Grand Coun	
Well No. 1 Section 33, (% Sec. and Sec. No.)	ry or Sebdivision) (Field) T. 22 South, R. 22 East, S.L.C. (Range) (Meridian)
The well is located 1100 ft. S of Northine and The elevation of the derrick floor above sea level is	
DETAILS OF P	PLAN OF WORK
We propose to fill hole with mud from bott or near the bottom of the 8 1/4 inch casin cement plug at this point and fill the hol this being the probable roint where the 8 pulled. It is very unlikely the 8 1/4 inch this point due to the cement back of the p we will fill the hole with mud back over the feet and up to approximately the shoe of the cement plug on top of the mud. Then fill of the 10 inch casing and probably put a sinside the casing at this point. Then rip feet to let into the hole the fresh water and leave as a water well. Under this probe pulled but would be left in the hole to water well.	which is cemented. Then put in a see with mud back to 1400 or 1500 feet, 1/4 inch casing can be parted and he casing can be pulled if parted below ipe. After pulling the & 1/4 inch casing he water horizons between 1300 and 1160 he 10 inch casing at 1109 feet and put in 1 the hole with mud to 400 feet, inside mall cement plug on the top of the mud the 10 inch casing between 300 and 340 which was encountered at this depth,

Approved (SEE DIDER ATTACHED) Oct. 5, 1939	Company UTAH SOUTHERN OF	IL COMPANY.
fll the lusar	Ву	
E. W. Henderson Title District Engineer		
506 PodeFelo Tell-Felor	Title	
Address Selt Lake City, Utal	Address 901 Utah 011 Bld	E. Salt Lake Cit

APPROVAL GIVEN AS BOLLOUS.

- 1. Please notify 2. W. menderson, of the 0. t. Geological Survey, stationed at Salt Lake City, ttak, actual date of the commencement of plugging and abandonment operations, that a representative of the Survey may be present.
- 2. A permanent marker, consisting of not less than 10° of iron pipe, not less than 4" in dismeter, and extending four feet above the surface to be demented in the ground at the location of this well.
- 5. A supplementary report of final abandonment (in triplicate on form 9-351) to be submitted to this office when the work is finished. This report to give a detailed account of the manner in which the work was actually carried out, including the nature and quantities of materials used in plugging and the location and extent (by depths) of the plugs of various materials. Records of amounts, size and locations (by depths) of all casing left in the well, and the names and positions of employees who carried on the work should be included.

4J.

17:11

33-228-22E S NW NW, Utah Southern Oil Co., Hyde #1 (S.L.C. 051594)
Ref. No. 1.

REMARKS: Operations temporarily Suspended due to weather conditions and to make some change in equipment. Operator proposes to continue test until definite information is obtained as to presence and character of Paradox formation in the area or so long as satisfactory progress can be made.

33-228-22E S NW NW, Utah Southern Oil Co., Hyde #1 (8.L.C. 051594)
Ref. Me. 1.
326.1937

STATUS: DRG. 6356'. Sheley limestone. (Co. report 5/2/57)
REMARKS: Operations resumed 5/1/57. Top of Paradex formation expected within next 300 to 400 ft.

33-22S-22E S NV NW, Utah Southern Oil Co., Hyde #1 (S.L.C. O5134)

Ref. No. 1.

STATUS: DRG. 6715'. Shaley limestone. (Co. report 3/2/37)

REMARKS: He change in formation.

STATUS: DST. 6715'. Shaley limestone. (Ge. report 5/2/87)
REMARKS: Operations suspended pending decision to abandon
or drill deeper.

SS-228-22E

S NW NW, Utah Southern Oil Ce., Hyde #1 (S.L.C. 051894)

Ref. No. 1.

May 1437

STATUS: DST. S715'. Shaley limestone. (Ge. report 6/2/37)

REMARKS: Operations suspended pending decision to abandon or drill deepera Will be smitted from fature reports

until exerctions are resumed.

P. With

	Form 8	-830		50	PY RET	AINEL DIST	M. Comp		4./
l		25 E			tal	and The Chal	TIVE STATE LEASE	AL NUMBER OF 120	4
4		TIA		7.1					Mitte Chale
4					(DEPARTM	ENT OF THE	INTERIOR	
lii			1	7		GE	CLOGICAL SUI	RVEY	
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			*		CASI	ING RECOF	₹D		
	Size casing	Weight per foot	Threads per inch	Make A	mount	Kind of shoe	Cut and pulled from	Perforated	Purpose
107	′sidet r rískots.	ct ee∈", or	or bridges were	grve i's size abd v Put in to fest for	Mation. Trater:	state idea viv	<u>an ikang mengangan</u>	From To	
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FOLD MARK

casing	Where set	Number	r sacks of cement	Method us	ed .	Mud gravity	Amount of mud u	sed
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শ লাক্ত	₹ 1	aterial <u>1953</u>	1	Length	the state of	TOTAL ST.	Depth set	
				Size	tim satā ir -			
1349	,	1460	SF	HOOTING		samoy ahad	**	
Size	Shell	used	Explosive used	Quantity	Date	Depth shot	Depth cleaned o	out
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Cable to	ls were u	sed from T	€ ££ fe	et to 6715	feet,	and from	feet to	f
A. d. a	!	₹₹ ?≥		DATES	grave grave a	1		
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The	productio	on for the fi	rst 24 hours w	asb	arrels o	f fluid of whi	ch % was oil;	
emulsion	; %	water; and	% sedime	nt.	e de la composition de la composition Entre la composition de la composition	Gravity.	°Bé.	
							cu. ft. of gas	
	5	4 3.9				and the second second	cu. it. of gas	
Koer	c pressure	, lbs. per sq	. in		1.5	og Zoro on [†] ≇g≉		
C + C								
Lee Thou	ap son		Driller	EMPLOYE BS	84. 3V	18 STEP 1		D-::1
1155			, Driller	i i i i i i i i i i i i i i i i i i i		*	<u>\$</u>	,
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A. P. W. P.	oorhies	802 TO	, Driller, Driller	RMATION R Varia Hard, Varia	ECORI Cated shell cated	shale. shale with feet to 1	shells Reduce	, Dril
A. P. T. FROM O. 15 17 78	oorhies	802 TO (10)	, Driller, Driller	RMATION R Varia Hard Varia hole	ECORI Sated Shell Sated Sated	shale with feet to I shale with	shells feduce 2 1/2 inch.	, Dril
A. P. T. FROM 0 15 17 78 106	oorhies	SUR ACR TO _{MOD} OCC OCC OCC OCC OCC OCC OCC OC	, Driller, Driller	RMATION R Varia Hard, Varia hole Varia	ECORI gated shell gated at 6	shale with feet to 1 shale with	shells. Reduce 2 1/2 inch. shells. h lime shells.	, Dril
A. P. T. FROM 0 15 17 78 106	1 1 1 1 78 106 137	808 708 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	, Driller, Driller	RMATION R Varia Hard, Varia hole Varia Limay Satul	ECORI gated shell at al at al	shale with shale with w sund with alling nim	shells. Reduce 2 1/2 inch. shells. h lime shells. ple - 7Ft. lengt	, Dril
A. P. T. FROM 0 15 17 78 106	137 106 137	SUR 100 100 100 100 100 100 100 10	, Driller, Driller	RMATION R Varia Hard Varia hole Limay Sata	ECORI Estad shalk sated sated sated	shale with feet to I shale with w sand with illing nip	shells, feduce 2 1/2 inch. shells, h lime shells, ple - 7Ft, lengt	, Dril
A. P. T. FROM 0 15 17 78 106	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$02 TO (0) 000 000 000 000 000 000 000	, Driller, Driller	RMATION R Varia Hard Varia hole Lingy in oe Lina Fink	ECORI Shalk Shalk Shalk Shalk Shalk Shalk Shalk Shalk	shale with feet to I shale with willing nim	shells, feduce 2 1/2 inch. shells. h lime shells. ple - 7Ft. lengt	, Dril
A. P. T. FROM O 15 17 78 106 137 141 146	1 12 17 106 137 141 146 150	802 TO(w)	, Driller, Driller	RMATION R Varia Hard, Varia hole Lima Pink Lima	ECORI Sated Shell Sated Stated Shell Sandy Shell	shale with feet to I shale with with sund with diling nime. y shale. Shell ve	shells. feduce 2 1/2 inch. shells. h lime shells. ple - 7Ft. lengt	, Dril
A. P. W. FROM 0 15 17 78 106 137 141 146 150	106 137 141 146 150	808 708 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	, Driller, Driller	RMATION R Varia Hard Varia hole Limay Set. 1 in oe Lima Fink Lima bita	ECORI Estad shall shall shall shall shall shall shall shall	shale with feet to I shale with w sand with alling nip shale. Shell ve	shells. Reduce 2 1/2 inch. shells. h lime shells. ple - 7Ft. lengt	, Dril
A. P.	154 154 154 174 174	SUR 100 100 100 100 100 100 100 10	, Driller, Driller	RMATION R Varia Hard Varia hole Varia hole Lima Fink Lima bita Hard Andy	ECORI Sated shell sated sated sated sandy shell	shale with shale with willing nip	shells. feduce 2 1/2 inch. shells. h lime shells. ple - 7Ft. lengt	, Dril
A. P. W. FROM O 15 17 78 106 137 141 146 150 154 174 174	106 137 141 146 150	SUR 102 102 103 103 103 103 103 103 103 103	, Driller, Driller	RMATION R Varia Hard Varia hole Lima Fink Lima bita Hard Sandy	ECORI Sated shell shell shell shell sandy shell shell	shale with feet to I shale with willing nip shale. Shell ve	shells. Reduce 2 1/2 inch. 2 shells. 4 shells. 5 shells. 6 shells. 6 ry hard, batters. 6 lime shells.	, Dril
A. P. T. FROM O 155 17 78 106 137 141 146 150 154 174 196 201	137 106 137 141 146 150 174 174 196 201 219	802 TO (10) 100 100 100 100 100 100 100	, Driller, Driller	RMATION R Varia Hard Varia hole Lima Fink	ECORI Sated Shelk Sated Stated Shelk She Shelk She She She She She She She She She She	shale with feet to I shale with with ing nime. Shell we lime. With card	shells, feduce 2 1/2 inch. 2 shells. h lime shells. ple - 7Ft. lengt	, Dril
A. P. T. FROM O 15 17 78 106 137 141 146 150 154 174 196 201 219	100 137 141 146 150 154 174 196 201 219 223	8U2 TO 100 100 100 100 100 100 100 100	, Driller, Driller	RMATION R Varia Hard Varia hole Varia Hard Sandy Gray Hard	sated shell	shale with feet to I shale with with lime hall. Bro	shells. Reduce 2 1/2 inch. shells. h lime shells. ery hard, battere lime shells. shells.	d the
A. P. T. FROM O 155 17 78 106 137 141 146 150 154 174 196 201 219 223	100 137 106 137 141 146 150 154 174 196 201 219 223 229	SUR 1022 1022 1023 1023 1023 1024 1	, Driller, Driller	RMATION R Varia Hard, Varia hole Varia hole Lima Pink Lima bita Hard Sandy Gray Hard Shela	gated shell at a shell	shale with feet to I shale with with lime with lime hall. Broke.	shells. Reduce 2 1/2 inch. 2 shells. h lime shells. ple - 7Ft. lengt ry hard, battere lime shells. shells.	d the
A. P. T. FROM O 155 17 78 106 137 141 146 150 154 174 196 201 219 223 2299	154 106 137 141 146 150 154 174 196 201 219 223 229 237	SUR 1022 1	, Driller, Driller	RMATION R Varia Hard Varia hole Varia hole Lima Fink Fink Lima Fink Fink Fink Fink Fink Fink Fink Fink	ECORI shalk satal satal satal satal sandy shall sandy shall shale lime shale	shale with feet to 1 shale with with lime with hard with lime hall. From the lime hall	shells. Reduce 2 1/2 inch. 2 shells. h lime shells. ple - 7Ft. lengt ry hard, battere lime shells. shells.	d the
A. P. W. FROM O 15 17 78 106 154 174 196 201 219 223 2299 26 237 243	154 154 154 154 154 154 154 154 154 154	802 702 202 202 203 203 204 200 203 203 203 203 203 203 203	, Driller, Driller	RMATION R Varia Hard Varia hole Varia hole Varia hole Lima Fink Lima bita Hard Sandy Gray Gray Gray Hard Shala Hard Red g	ECORI shalk satal satal shale sandy shale lime shale lime shale	shale with feet to I shale with with lime with lime hell. From hele.	shells, feduce 2 1/2 inch. 2 shells. h lime shells. ry hard, battere lime shells. shells. wh.	d the
A. P.	154 166 174 166 174 174 174 174 196 201 219 223 229 237 243	808 700 200 200 200 200 200 200 200	, Driller, Driller	RMATION R Varia Hard Varia hole Varia hole Varia hole Lima Fink Lima bita Hard Sandy Gray Gray Gray Hard Shala Hard Red g	ECORI Sated Shelk Sated Stated Shele Shele Shele Shele Shele Shele Shele Shele Shele Shele Shele	shale with feet to 1 shale with with lime with hard with lime hall. From the lime hall	shells, feduce 2 1/2 inch. 2 shells. h lime shells. ry hard, battere lime shells. shells. wh.	d the
A. P. W. FROM O 15 17 78 106 154 174 196 201 219 223 2299 26 237 243	154 154 154 154 154 154 154 154 154 154	802 702 202 202 203 203 204 200 203 203 203 203 203 203 203	, Driller, Driller	RMATION R Varia Hard Lima Pink Lima bita Hard Sandy Gray Gray Gray Hard Shala Hard Red si Red si	ECORI Sated Shelk Sated Stated Shelk She She She She She She She She She She	shale with feet to I shale with with lime with lime hell. From hele.	shells, feduce 2 1/2 inch. 2 shells. h lime shells. ry hard, battere lime shells. shells. wh.	d the

	1	L400	SHOOLIN izight cont sandy shale.
1. FUOS	4	1595	Red sandy shale. Red sandy shale - hard.
Her things	and the second of	1622	Lyburgi bok
1022		1634	Entranged whole s(lop of coenkopi.)
1628 1634	1	1640	Red sandy lime,
1540		1655	Red shale.
1655		1658	Red lime.
1658	公司: 1 - 1 - 1 - 2 年 (表:2)	1672	Red phale.
1672		1683	Correct measurement on hole.
Casing 834	Sucrement :	1798 - 200	response. Versing the second section of the second from around 10 inch shoe.
		2042	MUNDING AND CEMENTING RECORD
1738		1743 1764	Light red shale.
1743 1764		1792	fied shale with shells.
GOVERNMENT PRINTING		-1/-	GC745
			HISTORY OF OIL OR GAS WELL
of shots. If	eight Thieads r foot incu binds or pridges	were put in	esults. If there were any changes made in the casing, state fully, and if any casing was its size and location. If the well has been dynamited, give date, size, position, and number n to test for water, state kind of material used, position, and results of pumping or bailing. Apply 12:10:10:10:10:10:10:10:10:10:10:10:10:10:
1843		1855	CTERNI MOCHICky shale.
No. 1850	upple High	1884 10	
No. 5384		1896	Sticky red shale.
1996		1897	SWOLL TOUR SWOLL TOUR
1897		1901	the state of the s
No. 31301.	. 8.3	1947	8 Casing comented at 1940 feet.
No. 2 1101		2194	Reddish from shale.
No. 15 134		2197	Brown sand.
2197		2221	decish brown sandy shale.
2221		2307	Reddiah brown shale.
2307		2316	Brown sandy shale.
Coming 48	ed drilling	2340	Brown shud with a little shale. 18
	45	ar Tağa P	som the accountries of the Toy of Cutler 2316 feet).
The s	umman, er (e.	1 3 A 4 4 C.	ty a a dia beneau action and control and the
Date 2340	HHBHEEL COLLOS	4313	Reddish brown sand and sandy shale.
Date 2340		ンだすい	Reddish brown shaley sand.
Date 2340		3 52 5	Reddish brown shaley sand. Brown sandy shale.
Date 2340 2375 3290 20 183 525	la de Cercioni Sur de Cercioni	3525 ⊞ 620 ⊙∷	Reddish brown shaley sand. Brown sandy shale. Inground to be a shale sand.
2340 2375 3290 20 (#3525	an be determi	3525 13 620 000 23 950 000	Reddish brown shaley sand. Brown sandy shale. The require according brown shaley sand. White a common and Brown sandy shale.
2340 2375 3290 20 (#3525	an be determi	3525 13 620 000 23 950 000	Reddish brown shaley sand. Brown sandy shale. I nil aveluge according from shaley sand. With the equippe and Brown shaley sand. Brown shaley sand. Brown shaley sand.
2340 2375 3290 2375 20 143525 13826 10001 1995 Mon 4865	C2. 10 (N.) St formation pi- in he determi	3525 (3 820 0) (3 950 0) 3 95 5 (488 5)	Reddish brown shaley sand. Brown sandy shale. From sandy shale. With the accumulate and Brown shaley sand. Brown shaley sand. Brown shaley sand. Brown shaley sand.
2340 2375 3290 20 143525 13826 100411999	C. re (N.) di formation pi an be determi	3525 13820 3950 3955 4885 4904 4921	Reddish brown shaley sand. Brown sandy shale. From sandy shale. With the action of Brown shaley sand. Brown shaley sand. Brown shaley sand. From sandy shale. From sandy shale.
Nessol 4921 Not 4861 2375 Not 3525 13626 2375 23	Tract	3525 3525 3950 3955 4855 4855 4921 4937	Reddish brown shaley sand. Brown shaley sand. with its a comblete and brown shaley sand. Brown shaley sand. Brown shaley sand. Brown shaley sand. Brown shaley shale. Brown sandy shale. Brown sandy shale. Brown sandy shale. Brown sandy shale.
Compage Compag	Tract	3525 3525 3950 3955 4885 4904 4921 4937 4952	Reddish brown shaley sand. Brown shaley sand. With the actual process of strong shale and shale and shale and shale. When the sandy shale are shall be sh
Comit 4 2 2 3 4 2 3 4 2	Tract	3525 3950 3950 3955 4885 4904 4921 4937 4952 4966	Reddish brown shaley sand. Brown shaley sand. with the a state of Brown shaley sand. Brown shaley sand. Brown shaley sand. Brown sandy shale.
Compage 1. Lossof 452. 1. Compage 452. 1. Comp	Tract	3525 3950 3950 3955 4885 4904 4921 4937 4956 4966	Reddish brown shaley sand. Brown shaley sand. with the a statistic to Brown shaley sand. Brown shaley sand. Brown shaley sand. Brown sandy shale.
Compage Compag	Tract	3525 3950 3950 3955 4885 4904 4921 4937 4952 4966	Reddish brown shaley sand. Brown sandy shale.
Compage 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	F WELL CORR	3525 3950 3950 3955 4885 4904 4921 4937 4956 4966	Reddish brown shaley sand. Brown shaley sand. Brown shaley sand. Brown shaley sand. Brown sandy shale. Brown sandy shale. Brown sandy shale - fine. Brown sandy shale - this formation is more
Compage 1.	F WELL CORR	3525 3820 3950 3955 4885 4904 4921 4937 4952 4966 E499X	Reddish brown shaley sand. Brown shaley sand. Brown shaley sand. Brown shaley sand. Brown sandy shale. This formation is more truly brown, a little lighter in color.
Date 2340 2375 3290 2375 3290 23826 10000 4966 10000 4966 4966 4966 4966 4990 4990 4990 4990	F WELL CORR	3525 3820 3950 3955 4885 4904 4921 4937 4952 4966 E499% 5014	Reddish brown shaley sand. Brown shaley sand. Brown shaley sand. Brown shaley sand. Brown sandy shale. Brown sandy shale. Brown sandy shale - fine. Brown sandy shale - this formation is more truly brown, a little lighter in color, also harder.
2340 2375 3290 2375 3290 23950 13826 1000014961 4904 100001491 4952 4952 5014	Fract. C. 10 N. St. formation pives. In he determination pives.	3525 3820 3950 3955 4885 4904 4921 4937 4937 4966 E4995 5014	Reddish brown shaley sand. Brown shaley sand. Brown shaley sand. Brown shaley sand. Brown sandy shale. Brown sandy shale. Brown sandy shale - fine. Brown sandy shale - this formation is hard truly brown, a little lighter in color, also harder. Brown sandy shale and lime.
Date 2340 2375 3290 2375 3290 23826 1000 4966 1000 4921 4952 1000 4921 4952 501	WELL CORR Tract	3525 3820 3950 3955 4885 4904 4921 4937 4952 4966 E499X 5014	Reddish brown shaley sand. Brown shaley sand. Brown shaley sand. Brown shaley sand. Brown sandy shale. Wesidish prown sandy shale. Brown sandy shale and lime.
2340 2375 3290 2375 3290 23950 13826 13826 13826 176280 4904 176280 4904 4952 1704964 4952 5014 5014	E WELL CORR Tract. C.C. R. W. S. C.C. R. W. S. To be determined by the control of the control	3525 3820 3950 3955 4885 4904 4921 4937 4952 4966 E499X 5080 5085 5187	Reddish brown shaley sand. Brown shaley sand. Brown shaley sand. Brown shaley sand. Brown sandy shale. Wesides Brown sandy shale. Wesides Brown sandy shale. Brown sandy shale and lime.
Date 2340 2375 3290 2375 3290 23950 13826 13826 13826 13826 13826 13950	WELL CORR Tract. C. 10 (N) &	3525 3820 3950 3955 4885 4904 4921 4937 4966 E4995 5014 5045 5045 5045 5137 5147	Reddish brown shaley sand. Brown sandy shale. Brown sandy shale and lime. Brown sandy shale and lime. Brown sandy shale. Brown sandy shale. Brown sandy shale.
Date 2340 2375 3290 3290 3290 13826 13826 13826 13826 13826 13826 13826 13826 13936	E WELL CORR Tract. C	3525 3950 3950 3955 4885 4904 4921 4937 4952 4966 E4995 5014 5080 5085 5187 5187 5187	Reddish brown shaley sand. Brown shaley sand. Brown shaley sand. Brown shaley sand. Brown sandy shale. Brown sandy shale and lime. Brown sandy shale and lime. Brown sandy shale and lime. Brown sandy shaley lime.
Date 2340 2375 3290 2375 3290 23950 13826 13826 13826 13826 13826 13950	WELL CORR Fract. C	3525 3820 3950 3955 4885 4904 4921 4937 4966 E4995 5014 5045 5045 5045 5137 5147	Reddish brown shaley sand. Brown shaley sand. Brown shaley sand. Brown shaley sand. Brown sandy shale. Wesides Brown sandy shale. Wesides Brown sandy shale. Brown sandy shale and lime.

FORMATION RECORD—Continued

	FROM	то	TOTAL FEET	FORMATION
	277	288		Red shale. Caving some.
3 () 4	288	290		Line shalle
, . (1	290	300		Sandy shales
트를	300	339		Water sander. 60 Ft. of water in hole.
<i>.</i>	300	337		(Top of Entrada).
	120	380		
3	339	405		hite and with tale.
	380	11		white sand - hard.
5.5	405	416	,	Brown sand - hard.
	416	431		Brong and -
	431	467		White sand with streaks of talc.
	467	495		Brown gand with garden and a second
1.	495	541	:	
en.	541	568	ľ	Fink and with telc.
	568	585		Fink sandy lime hard.
1.	585	§ 5 9 5		Hard surey sandy lime.
	595	600		Sandy line.
	600	605	<u> </u>	Pink shalo.
	605	610		Fink mand.
	610	615		Pink sand
	615	618		Drilling out rock - bailed okay.
* *	618	632		Fink sandy shale.
	632	650		Brown sand.
1.	034 440	690		Light brown sand.
	650			Light brown sand with tele.
	420.	3.747	9.0000 kemp	Red shade.
	747			Tood Karndy whale.
	755	805		
*	205	• 820		White sand with talc.
	8 20	855		Pink and with tale.
	855	875	Dillia	Tim Daile Aroll County
	875	900	\$ 10%.	oarne sand with tale.
	Thook pro	ssare, Ibs. 1 320 9	7.7	Pink sand with talc.
	950	711, C3. 15. 10.40	bours	Gray sandy tale.
	1070	1085	V. 1. 1. 1	Califa gradu ne propins of the contract of some
6117	ukien :	. John Parkon; tand	% rediment.	(Running 10" Caming) Comented at 1169 feet).
	1085	1109.	n d 24 denies mas	Blue gray sand with talc.
	1109	14000 to 1154	se d .) A harrence many	Red Panale Und Comensed ipe. (Top of Chinles
***	1124	1131	10	geq Paperoducing
	1131	1135		Rad sand.
		1151		Red sandy shale.
(a)		dre used from	foot to	Red sandy line.
TEO	stoors (gres	мого язоц 1362	730: 60	
A.7	1162	1185		oor ganger
	1185	1215	J.I.	Red sandy shele.
		1218		Sand with more water.
	1215	1245		Sand.
	1218	1		Red sand.
- 1 480	1245	1275		
	2275	1295 and 1295	Mark selvo tened	Gurbany Burk Britanis Depth cleaned on.
: =	1295	13 48		Med 83.03
	1348	1400		LIM E desire sandy shale.
77	# 1400 7	faterial		Red sandy shale.
	1585	1622		Red sundy shale - hard.
4.4	1622	1628	1	
	1628	1634	Section 1	Wad wheles (Top of Moenkopi.)
	1634	1640)	Red sandy lime.
****	1640	1655		Red shale.
	1655	1658		Red limb.
1.5	1032	1672		Red shale.
	1672	1683		Correct measurement on hole.
	Sink of A.	1738		wer had shale
5.74			3 A C	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE

(FERTO)

	FC	RMATION R	ECORD—Continued
FROM	то	TOTAL FEET	FORMATION
age 2 of Los	ia.		
5349	535 7		Brown limey sand.
535 7 53 9 5	<i>5</i> 3 9 5		Brown sandy lime.
5395	5406		Brown sandy lime - hard.
5406	5645		Brown sandy lime.
5645	5656		Brown sandy lime - hard.
5656	5680		Brown sandy lime.
5680	5689		Brown sandy lime - hard.
700			The sand in this formation is coarse and h
5689	5699		Brown sandy lime - coarse - hard.
5699	5754		Brown sandy lime - hard.
5754	5 77 5		Brown sandy lime - these samples show less
rane			sand than the samples have been showing.
5775	5 79 3		Brown sandy lime - fine - hard.
5793	5810		Brown sandy lime - hard.
5810	5921		Brown sandy lime.
5921	5934		Brown sandy shaley lime.
5934	5 9 53		Brown sandy lime.
5 9 53 5 98 0	5 98 0		Brown sandy shaley lime.
5 992	5 99 2		Brown sandy lime.
6007	6007 6061		Brown sendy shaley lime.
FRAMA	6 18 8	Andres setti.	Brown sandy lighter to the san
6188	62 0 0	on the second second	Brown sandy shaley lime.
6200	6207	PORMA	xculuscomency line.
6207	6222	, Oriller	Brown sandy shaley line. Driller
3201	VACA		Brown sandy shale with small particles of
		Differ	grayish green shale and a few pieces of
6222	nue 11 6236 ad n	EMBL	OAEEPpsum.
** 6236 T	"62A2		Brown sandy shale and lime.
11 624 x-01	, eu. (1 9361 24 bei	14	Gallers gasoling and spale of the gas.
6304	6310 -	.0	Brown sandy sastey line.
6310	6331	% sediment	Prown sandy(lime) By
	etion 8322 e fra	24 hears was	Brown sandy sitaley lime.
6355	6363		Srown sandy line.
6363	6409	30	
6409	6420		arown sandy lime.
Cable 2050 we	e used tropi	leet to .	Brown sandy shale. tout to icet
	one ma 6492 ou	1640	at our party 11100
65 02	6527	feet to	Brown sandy shale and shales to
6527	6541	TO	Prown sandy shale.
6541	6570		Brown sandy lime - hard.
6570	6589		Brown sandy lime. Brown sandy shale and lime.
6589	6636		Brown sandy line.
6636	6645		Thomas action Time - print
am6645	_	a diene d	Brown sandy line - hard. Debut the out of the Brown sandy line and shale.
6664	6680	t in the second	TIME SURE SURE STATES

81×6645	Parent 10 6664 21.	bu gone q	Guantio Brown 88	andy ⁰	line - h	akala
6664	6680	1-27	SHOOTING BROWN			
Adapt 8400 Afa 6680	terial 6400		Brown se			d lime.
Heaving plug	- 1		Br own ss ကျောင်းမှာ	inay .	lime.	glic sed

PUGS AND ADAPTERS

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CISCO UNIT AREA - Grand County

53-22S-22E S NW4NW4, Utah Southern Oil Co. Hyde No. 1 (S.L. 051394)

Ref. No. 1. (SEPTEMBER, 1939)

STATUS: DST - T.D. 6715', shaley limestone (G.T.Hansen 10-2-39)
REMARKS: Notice of intention to abandon approved October 3,
1939. Crew overhauling equipment preparatory to starting work.
Well will be conditioned and left as a water well for possible utilization by a mining company or for stock watering purposes by the Division of Grazing. Operator has served notice by registered mail on all permittees that their permits will be analyzed to the intermediate that their permits will be analyzed and abandonment work, as provided in the unit plan.

Aken Sien Leards &L U. J. Gerligeed Turvers

CISCO UNIT AREA - Grand County

55-22332E S NW18W1, Utah Southern Oil Co. Hyde No. 1 (S.L. 051394)

Ref. No. 1. (OCTOBER, 1939)

STATUS: Abd. T.D. 6715', shaley limestone (G.T.Hansen 11-6-59). REMARKS: Plugging and abandonment work commenced October 3, 1939, was completed October 25, 1939. Hole was filled with mud to 1975 feet, bridged at that depth, and bridge capped with five sacks cement. The $8\frac{1}{4}$ inch casing was found to be frozen and when shooting to free same, the shot was accidentally exploded at 600 feet. Hole was mudded to 450 feet, bridged, and bridge capped with 17 sacks cement. The 10-inch casing was ripped at 325 to 335 feet and 300 to 310 feet to permit fresh water to come into the hole. Water rose to 225 feet below surface and appears to have sufficient volume for any purpose for which it may be used. The 10-inch casing was capped at the surface, cellar filled in, and location cleaned up. The well will be used by the Grazing Division for stock watering purposes. Approval of subsequent report of abandonment withheld pending inspection of location.

33-22S-22E S NW4NW4, Utah Southern Oil Co. Hyde No. 1 (S.L. 051394)
Ref. No. 1. (NOVEMBER, 1939)

purposes.

STATUS: P&A - T.D. 6715', shaley limestone (Visited 11-14-39).

REMARKS: Subsequent report of abandonment approved November 27, 1939. Lowest formation tested probably Hermosa of Pennsylvanian age. A right to appropriate water in this well, secured by operator from the State of Utah, has been assigned to the Division of Grazing and the well will hereafter be used as a public water supply for stock watering

CISCO UNIT AREA - Grand County

Form	9-831a
(Pate	10061

U.S. Land Office __Salt Lake City

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Serial Number	051394
Loane or Perpett	Permit

SUNDRY	NOTICES AN	ND REPORTS	ON	WELLSNOV 6	,
				4 2	i

NOTICE OF INTENTION TO CHANGE PLANS NOTICE OF DATE FOR TEST OF WATER SHUT-OFF REPORT ON RESULT OF TEST OF WATER SHUT-OFF NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT	SUBSEQUENT RECORD OF SHOOTING RECORD OF PERFORATING CASING NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING NOTICE OF INTENTION TO ABANDON WELL SUBSEQUENT REPORT OF ABANDONMENT SUPPLEMENTARY WELL HISTORY
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

...... October 30, 1939.

Following is a petics of intention to do week on land under permit described as follows:

Utah

Grand County (County or Subdivision)

Cisco Unit Area,

Well No. 1

NET NET Section 33.

T. 22 South, R. 22 Last, S.L.C.

The well is located 1100 ft. S of Northine and 640 ft. E of West line of sec. 33,

The elevation of the derrick floor above sea level is 4785 ft.

DETAILS OF PLAN OF WORK

(State names of and expected depths to objective sands, show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

Work commenced October 3, 1939, and was completed October 25, 1939. with mud up to 1975 feet and started oridge on top of mud at this depth and dumped 5 wacks of cement and filled the hole back to 1400 feet with mud. We used approximately 17,500 gallons of mud to fill the hole to this point which was good smooth mud, mixed with crank mixer, one gallon of water, making approximately 2 gallons of mud fluid when mixed. Shot 8 1/4 inch casing at 1400 feet, 1300 feet and 1120 feet, but sipe seemed to be frozen up this far and would not come loose. Filled hole with mud back to a little above 1100 feet and prepared to shoot 8 1/4 inch again between 1050 and 1075 feet. Shot went off prematurely and parted the 8 1/4 inch casing at 600 feet. Fulled the 8 1/4 inch easing and dumped more mad in the hole and then started bridge inside the 10 inch casing at the top of the 8 1/4 inch casing and filled back to 430 feet from the surface. Dumped 17 sacks of cement which filled the hole back to 395 feet when checked after setting. The hole bailed When the shot went off at 600 feet, it apparently did not

E. W. Henderson Title District Engineer GEOLOGICAL SURV

Company UTAH SOUTHERN OIL COMPANY

Address 901 Utah 011 Bldg. Salt Lake City.

Salt labo City, De